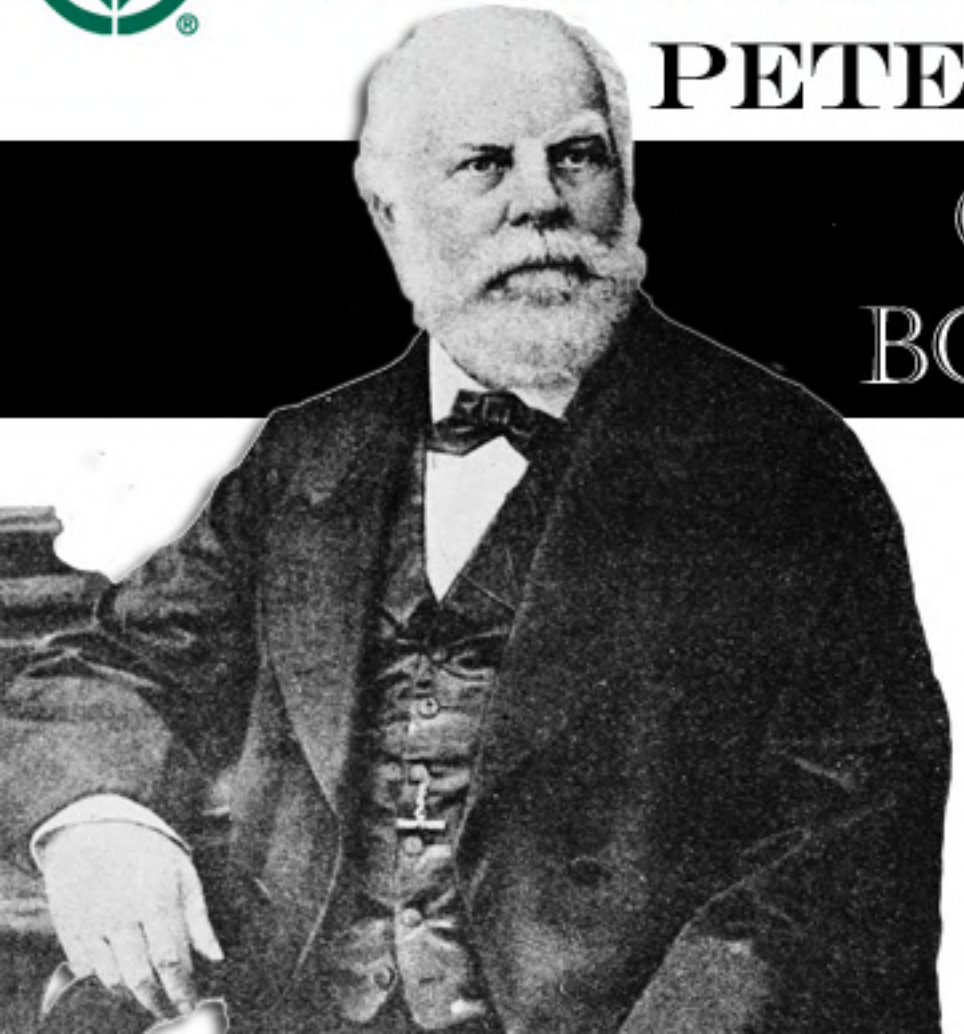
# Missouri Botanical Garden

## Peter H. Raven Library

# George Engelmann Botanical Notebooks



*Pagination Note:*
*Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.*

~~115. b.~~

228.

Paris June 1857

Gramineæ

Brasilia meridionalis

Sellow [no number]

in Herb. reg. Berol.

N. I doubt the correctness of my former mentigation and in the last days of my stay at Berlin, I looked through the Herbarium again and got some more of Sellows specimens carefully labeled; this is among them. The plant agrees with fig 115 every way — but the calyx is rarely glandular, more turbinate, every more that of Gr. racemosa in styles also — my present specimen is young no fruit. — I would take this for a small flowered form of Gr. racemosa, with large calyx.

0 1 2 3 4 5 6 7 8 9 10
cm
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4875

Sellow, Rio Janeiro, Santa Cruz. 4.99. B.

is very similar, about the same but Calyx a little shorter, and plant stumpier, still nearer to C. racemosa — apparently uniting the other form with it.

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Nelumbium 111 ; rogue 63

Cucurbita Pepo L. sp. pl.
is it not rare now?

Brasilia meridionalis

Sellow (no num.)

in Herb. reg. Berol.

radicibus capillaceo-fibrosis, caule
ramisque multifloris fasciculato-
paniculatis, fl. pedunculatis, patulis; calycis
glandulosi
ovario clavato ovato oblongis tuber-
culis subaequalibus, basi
ovato conoideis obtusis dein
ramis apice truncatis; tubo
aequilongis staminibus brevibus; antheris
oblongis filum subaequantibus; ramis ovatis
magnis tubo excedentibus; ovario magnitudine
stylis brevissimis; capsula basi bacata depressa
indehiscente; semine compresso lenticulari ovato margine
undulato.

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4876

plowers, ovary [illegible], deciduous fruit
[illegible] [illegible] [illegible] d'ante; —

near C. stenolepis, but even if no difference should be
found in the tubes — the capsules [illegible] of the two are equal
to the tube in our plant, tube equal to the calyx (not long)
corolla narrower at base & capsule —

ala

(Weddell (sin numero) Minas Geraes, Brasil 1844
in the same plat small flowers, large obtuse
Calyx; glandular; flowers a little larger than
in follows plat

Why is this not C. micrantha brevipes

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GE[illegible] PAPERS

34
Hb. Hook 42. c

=19

Carex racemosa var. firma Gardner. ~~Oquebec~~

Culmo valde robusto glaberrimo, firmiori, ~~rigenti~~ basi stamineo fere exredente, vaginis carinatis, stylis 2 elevatis, stigmatibus 2 longissimis subulatiformibus.

42. a The same: 42. a, Anjic McBoog with a stout stylopodium on the ovary, or a fleshy ring surrounding the styles, which is always the case in what I used to call a stylopodium.

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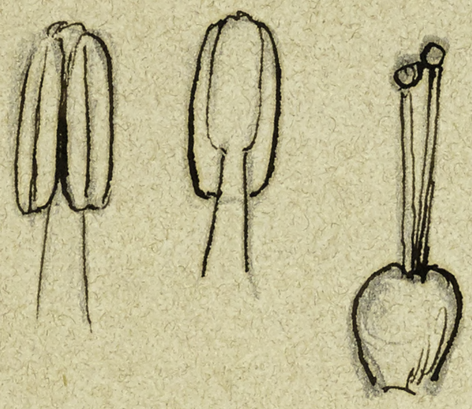
= 15 & = 52 ?



Cuscuta miniata Mart.!

Minas Geraes Brasiliæ

Schiede, No 1292 leg. Martius

corymbosa, pedicellis
bracteis orbiculato-ovatis
integris;
floribus omnis subsessilibus,
glandulosis; calycis parvi
segmentis orbiculatis
corollæ ~~glabræ~~ campanulatæ
tubo longe exserto latissimis
subrotundis ovatis corollæ
obtusis basi incrassatis spatulis
staminibus brevissimis;
filamentis subulatis antheris ovatis
acutis. Ignis marginis fere
subsessilibus stylis ovario longioribus fauce
attingentibus.

ft. 1½ l. long

a stout variety, with blunter
thicker lobes, of C. racemosa

4878

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s'2

= 21 & 41

Berl. i. Mus

"

" Cassonia viminalis Mart

Pohl. 5100. Fazenda de Mathias Ramos

Hort. Vindob 65. a

1½ III

not good

10

1.4

12/12 57.

This is entirely the C. viminalis of Mart.
but the calyx is almost as long as
the flower tube and the obtuse lobes
of the corolla a slightly mucronate,
much like the flowers of
C. racemopetala. — Calyx glabrous, corolla less so
(The other specimen (65. 6. 46. Vind) is the true racemosa
Must be compared again; is doubtful

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4879

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338 = 288 12/12 57

C. racemosa var. ciliata

Ekon!

Hb. Ser. austral.-am.

Martius N. 252

ex Brasil

this specimen

This is the only flower seen, which is very satisfactory — I prove that the plant belongs really to C. racemosa. The only well developed flower! all the others seen on the same specimen and in other herbaria (see fig 288) are too young, not yet open, and show an extremely short tube of corolla! This is the part last

Overlooked the flowers — Mistakes thereafter
may occur.

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0884

339

Cuc. racemosa var minuta
Okonj!

" C. minarea ? "

" cuneatiara floribus albis
Peru. St Paul, Brasil
Lund N 734
- Ho Dec Authentic.

exactly the same as fig 52
(Pohl's plate).
I take it now for a form of
C. racemosa as Cleary does
" Hookella profunda (ad media
Brasil "

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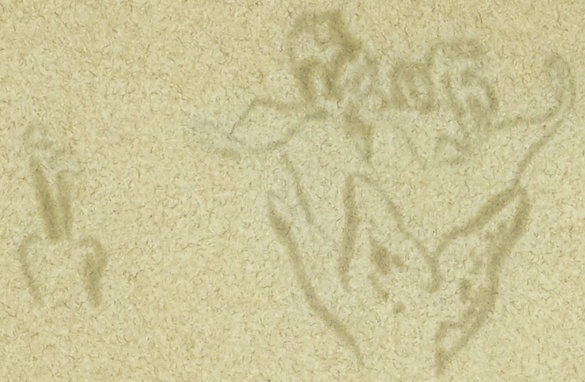
4881



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flor lacte oppacor - nrecmoris
calycis labis ovati obtusis profle
Divisis, corolla tubum campanulat
ramosum vix aequante, lamin
obtusi dum reflexis; [illegible]
[illegible]; ovario ; stylo ;
corolla haemorrh adhaer
capsulae seu cavis circumdante

Brasil Riede 990.

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4884

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342

Wien 2/1 58

1.7

" Cassuta floribunda Kunth "

" Bot. Reg "

Ex herb Sprengel nunc

H. v. Leonhardi, Pray

most probably a plant of Sellow's and

= 116

Lemaire's Cat. C. pleurocarpa

but flowers more racemose —

paniculate. C. floribunda

has longer flowers, obtuse

lobes of calyx, and above all

viscous capsule, while our

plant has a bracted capsule,

flor. paniculati, inflorescentia bracteosa, calycis lobis ovatis obtusis, tubo corollae recurvatae; tubo corollae compilato vix e calyce exserto, staminibus oblongis obtusis. Tubo aequantibus, demum

reflexis; filantis subulatis latis, antheris oblongis, liberis
aequantibus, staminibus corollae brevioribus, ovario
ovoideo, tubum totum replentibus, stylo (subulato) ~~apicibus~~ longitudine fere exserto
corolla ~~brevissime~~ rapsula bivalvata ellipsoidea s.
fegente.

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4883

Cuscuta grmvoleus Kuth
(in Herb Sprengel)
a Montevideo"
cal. lobis obtusiusculis obtusis vulde
inaequalibus imbricatis
lacinijs obtusis reflexis
corpula glandulosa nuda lenis exsecta

56 *C. microstyla* n. sp. — Volcano de Antuco, Chili

Reynolds — Hb. Hook

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1884

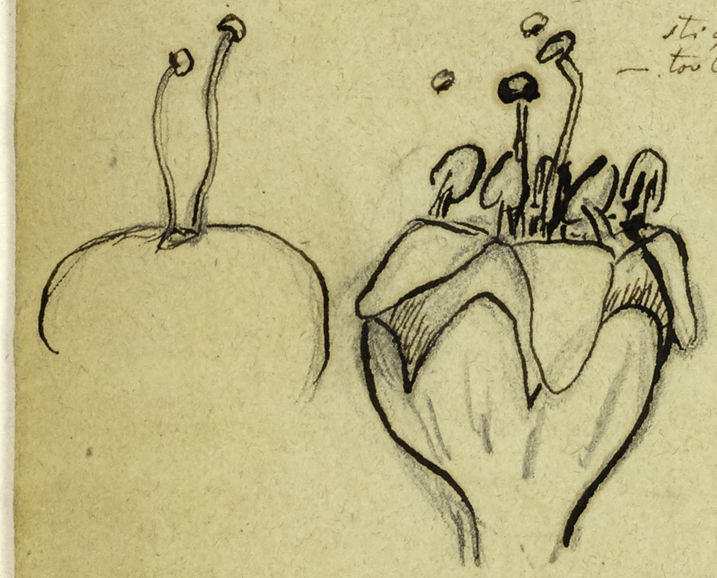
116

May belong to auxiana (compare 6f)
form of var. ii

Curcuta. Dubia

Brasilia, Sellow
Herb reg Berol.

bottles



stigmat too large

Calyx rip rapsels

Caulis subtrigonus, foliis parvis remotiusculis; pedunculis florem subbrevioribus calycis tubo campanulato tenuis lobis ovatis obtusis tubo vix brevioribus; corollæ (calycis lobis campanulato lanceolatis patulis, demum reflexis, ovatis obtusis, tubo vix brevioribus; staminibus carinæ fere brevioribus, antheris oblongis filamento subulato subæquantibus; ovario ovato superne fasciculato, basi attenuato, tubum subæquante; stylo tenuissimo, stigmate parvulo globoso, persistente, capsula globosa, corolla calycibus fasciculata

could this be the mother plant of C. bonariensis ? but that has longer flowers, longer exsert tube and imbricate calyx

A doubtful plant on one side approaching to Gronovii on the other to racemosa, but distinct evidently from both by the depressed capsule small stigmata.

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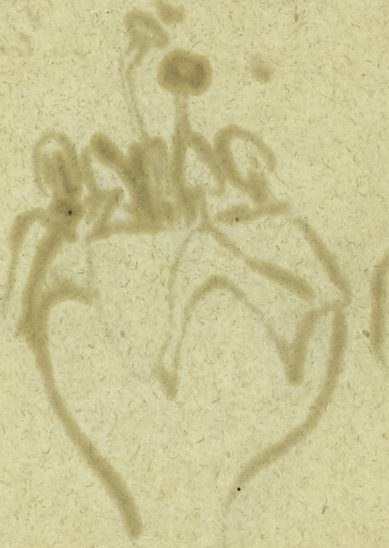
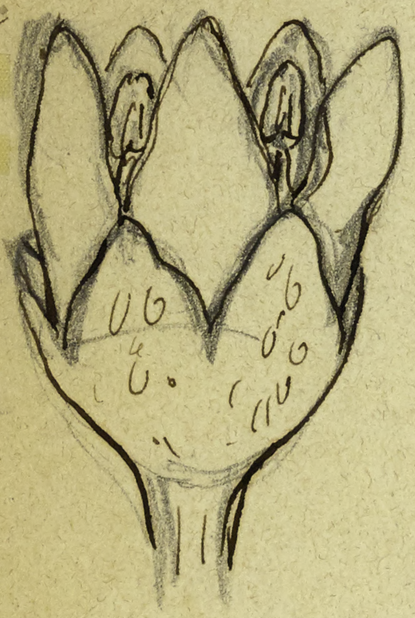
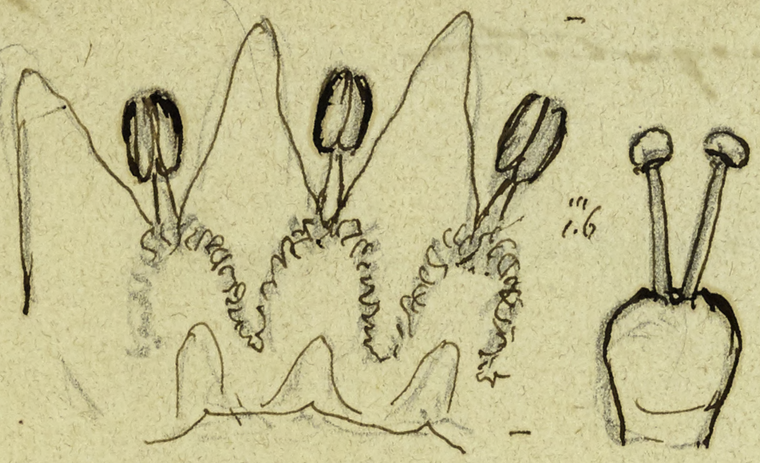
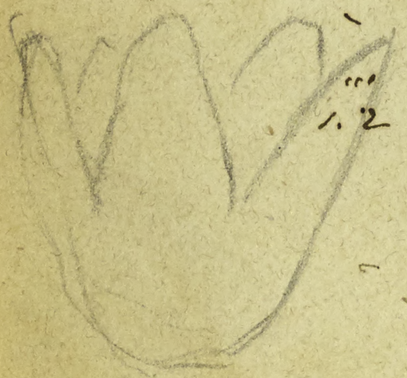


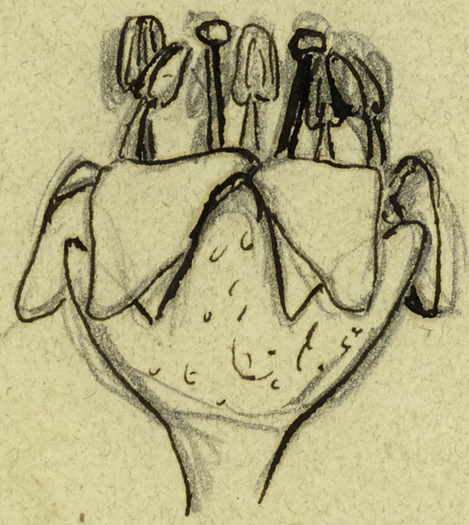
S 888

218.









Cuscuta Araucana

Valdivia Chili

100 geogr. miles south of Valparaiso, Araucania

Lechler

(= herb. Berl ?)

Caule filiformi, floribus pedicellatis in cymis vel glomerulos laxos congestis; calycis glabri lobis ovatis obtusis non imbricantibus, tubo corollae longioribus; corollae late campanulatae ultra medium fissae, lobis ovato-lanceolatis obtusiusculis patulis dein reflexis; stam. brevibus, antheris magis ovatis; squamis subnullis vel magis minusve breve

ci·pato fœtoribus, sacrum excedentibus; stylis ova-
ovoratis apice conn— subcoalitis

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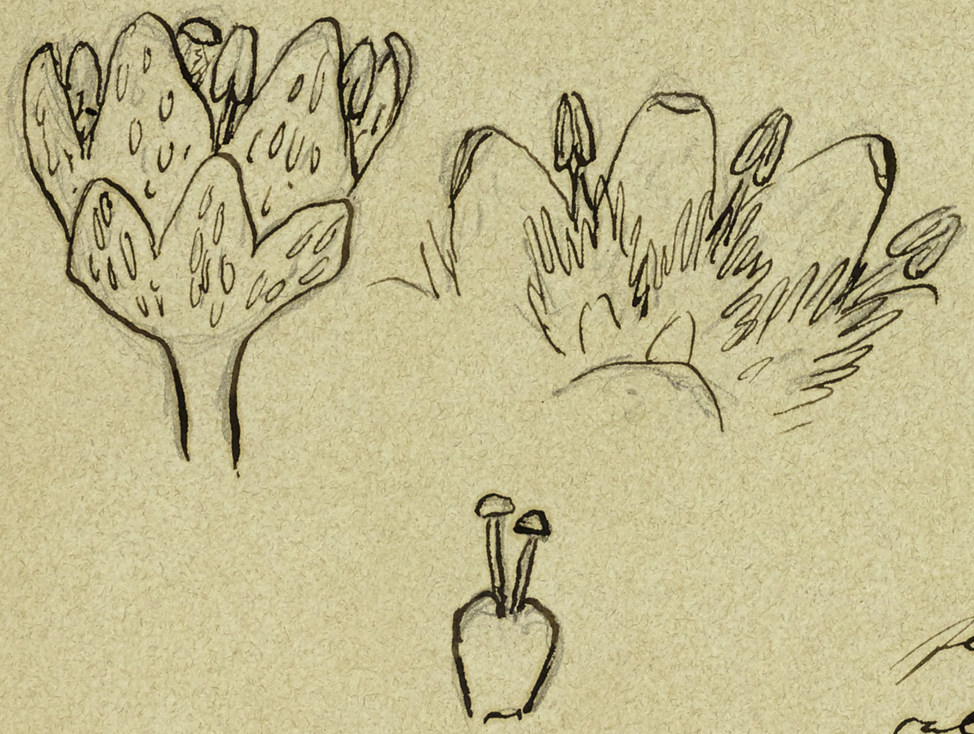
98874

337



5/12 57

Lechler R. Chil. N. 479

Valdivia

(Cx. ht. Bonpl.)

glomeruli laxi pauciflori
pedicellati

flores late campanulati, apici
calycis glandulosi lobi obtusi
totum corollae subaequantes

Carinae corollae erectae — petali
ovati obtuse unguiculati apice incrassati
hirsuto-glandulosi; antherae oblongae breviter filamento
subulatum subaequantibus; ignei maximi
subexcedentibus; stylus inclusus ovario brevi
ovari — pyriformi aequantibus.

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cm
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4887

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PRESS

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288

Centrosema H. magnoriana

No

San Luis 1857

Cuscuta

Vauthier No. 252

Tejuco, Minas Geraes
Brasilia

Hb Schenck & Hb J. Gay

flowers not yet quite open; about
1/2 – 1/3 l. long; lobes of corolla
about twice as long as tube;
anthers short, style rather short,
ovules large — Proportions perhaps
different in the fully open flowers. — It resembles very
much C. parviflora, but flowers much larger, approaching
to C. racemosa. Must be reexamined —
Lobes of calyx orbicular, of corolla oblong linear — both obtuse

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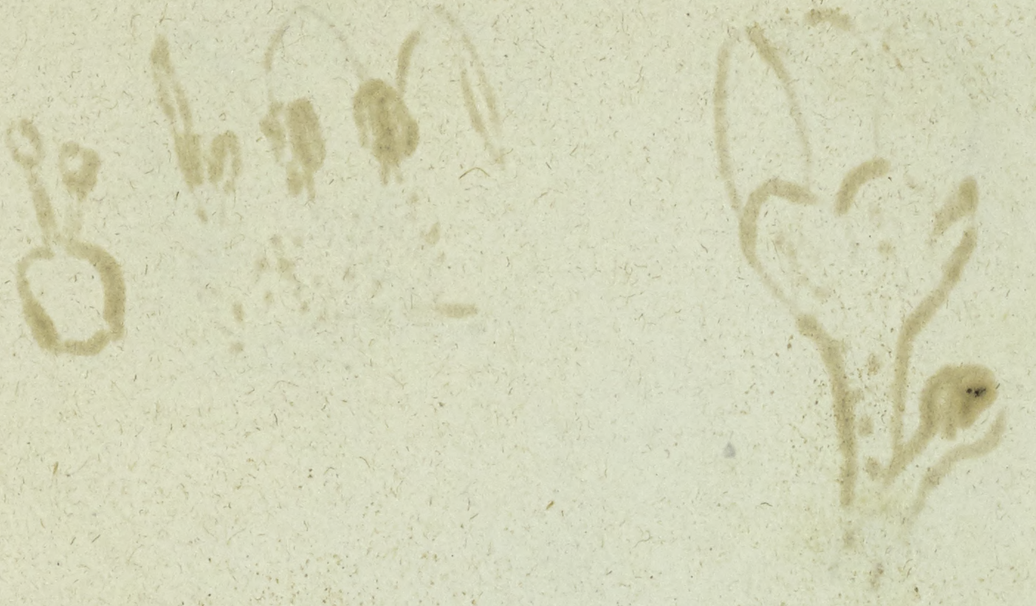

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30 13

Cogitore

a. Grandiflora

= Ogre

Nutans

Inclusa

Explen

b. Hybridiflora

Explosa

c Pendula Aphylla

Pumpernickel

(Enclosed 1/5-> 4/62)

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Cupulo tab. 17

Figura sub 1 X

# Cyathocalyces

sub. cupulis tenuiflexis capillaceis

Amentum 23. 57. 58. 71. 236. 237

corymbosa 7

stylosa 29. 30

Aparganioides 4. 5 238

inflexum 55 / 53 53. 6.

patens

stylosa } 7. tabula
Aparganioides } 5 figuris
patens

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Parmosa

var. S. minuta

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6884

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Cent p. 505

C. varicosa
var δ ~~brevifloris~~ Calycina

82. Pohl. 5100 = parte = H Vindb
839. ~~Lund~~ 734 = H Ser.

or is it parviflora major?
it is at all events an inter
mediate form between the two
or rather more conte flo
Carinæ appendix more to
C varicosa ——
the rounder anthers appear
it to be parviflora

(Enclosed 463-468)

4890

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C. racemosa

var L nuda

Enclosed 469-472

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Grand Horse

3e obtuse ?

Thelesperma 2.3.230.

racemosa Ctenolu Lhl.

var nuda - [illegible]
[illegible]

[illegible]

var. c

? comitl. ?

Why is this not

= racemosa

Carranza var. ?

gymnantha Lhs !

oxyrampa

4891

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LIBRARY

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